PATENT COOPERATION TREATY

RECEIVED

From the INTERNATIONAL SEARCHING AUTHORITY	OCT 0 6 2008
TO BARRY R LIPSITZ LIPSITZ & MCALLISTER, LLC LIPSITZ & MCALLISTER, LLC 755 MAIN STREET, BUILDING NO 8 MONROF, CT 06468	PCT NOTIFICATION OF TRANSMITTAL FOLEY & JARDNET THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44 1)
	Date of mailing (day month/year)
Applicant's or agent's file reference SOL-194 PCT 593196 -1202	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No PCT/US07/16812	International filing date (daymonth year) 25 July 2007 (25.07 2007)
Applicant VERANCE CORPORATION	
have been established and are transmitted herewith Filing of amendments and statement under Article 19:	
The applicant is entitled, if he so wishes, to amend the clai When? The time limit for filing such amendments is search report	ams of the international application (see Rule 46) normally two months from the date of transmittal of the international
Where? Directly to the International Bureau of WIPO 1211 Geneva 20, Switzerland, Facsimile No	
For more detailed instructions, see the notes on the ac	
The applicant is hereby notified that no international search Article 17(2)(a) to that effect and the written opinion of the	h report will be established and that the declaration under e International Searching Authority are transmitted herewith
 With regard to the protest against payment of (an) additi 	onal fee(s) under Rule 40.2, the applicant is notified that
the protest together with the decision thereon has been request in forward the texts of both the protest and the no decision has been made yet on the protest; the applications are the protest of the protest of the protest.	
Reminders	neant will be notified as soon as a decision is made
Shortly after the expiration of 18 months from the priority date, Bureau If the applicant wishes to avoid or postpone publication	the international application will be published by the International, a notice of withdrawal of the international application, or of the Rules 90biz 1 and 90biz 3, respectively, before the enmpletion of the
International Bureau The International Bureau will send a copy	he written opinion of the International Searching Authority to the of such comments to all designated Offices indess an international hiese comments would also be made available to the public but not
examination must be filed if the applicant wishes to postpone the e	some designated Offices, a demand for international preliminary entry into the national phase until 30 months from the printity date in 20 miniths from the printity date, perform the prescribed acts for
In respect of other designated Offices, the time limit of 30 months (
Volume II, National Chapters and the WIPO Internet site	scable time limits. Office by Office, see the PCT Applicant's Guide
ame and marling address of the ISAV US Mail Stop FCT. Atm. ISAVUS Cremissioner for Patents P.O. Box 1430 Alexandra Virgina 12313-1450 Alexandra Virgina 12313-1450 in PCT VISA 2721 (Laurers 2004).	Authorized officer (thavesh Meta A. Roberto for Telephone No. (571) 272-2009

PATENT COOPERATION TREATS

From the INTERNATIONAL SEARCHING AGE	TATENT COOP	ERATION IR	EATY
INTERNATIONAL SEARCHING AUTHORITY TO PARRY R. LIPSHT LIPSHT2 MACALISTER, LLC 755 MAIN STREET, PUIL DING NO 8 MONROE, CT 00468		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	
			(PCT Rule 43bis.1)
		Date of mailing (day-month-year)	26 SEP 2008
Applicant's or agent's file reference		FOR FURTHER	ACHON
SOL-194 PCT			See paragraph 2 below
International application No	International filing date	(day-month-year)	Priority date (day month year)
PCT/US07/16812	25 July 2007 (25 07 200	7)	28 July 2006 (28 07 2006)
International Patent Classification (IPC) of	r both national classificati	on and IPC	
IPC G06K 9/00(2006 01) USPC 382/100			
Applicant			
VERANCE CORPORATION			
1 This opinion contains indications relati	ing to the following items		
Box No. 1 Busis of the c	ріпю		
Box No II Priority			
	ment of opinion and		
Box No IV Lack of protes		rd to novelty, invent	tive step and industrial applicability
Box No JV Lack of unity			
Box No V Reasoned state applicability.	ement under Rule 43 <i>bs</i> .1(citations and explanations	a)(i) with regard to i supporting such stat	novelty, inventive step or industrial ement
Box No VI Certain docuir	ents cited		
Box No VII Certain defects	in the international applic	cation	
Box No. VIII Certain observ	ations on the international	application	
2 FURTHER ACTION			
If a demand for international preliminal International Preliminary Examining A Authority other than this one to be the that written opinions of this International	IPEA and the chosen IRE	t that this does no	considered to be a written opinion of the rapply where the applicant chooses an international Bineau under Rule 66 [his/b]
of Form PCT/ISA/220 or before the expir	ation of 22 months from the	opinion of the IPFA is, before the expira- be priority date, who	the applicant is invited to submit to the tion of 3 months from the date of mailing chever expires later.
For further options, see Form PCT/ISA/2	20		,
For further details, see notes to Form PCT	/ISA/220.		
me and mailing address of the ISA/ US	Date of completion o	f this opinion I Au	horized afficer
Mail Stop PCT, Ann. ISA/US Commissioner for Patents	28 August 2008 (28 (
P.O. Box 1450 Alexandria: Virginia 22313-1450	~ 0 August 2008 (28 (Je.2008) Bhi	ephone No (571) 272-2000
umle No (571) 273-3201	1	Tele	phone No (571) 272-2000
PCT/ISA/237 (cover sheet) (April 2007)			· · · · · · · · · · · · · · · · · · ·

International application No	
PCT/US07/16812	

Box No.	1 Basis of this opinion
1 With re-	gard to the language, this opinion has been established on the basis of
	he international application in the language in which it was filed
E-12	
L 10	translation of the international application into, which is the language of a translation furnished for the purposes iternational search (Rules 12 3(a) and 23 1(b))
2 T	his opinion has been established taking into account the rectification of an obvious mistake authorized by or notified.
A	nuthority under Rule 91 (Rule 43 <i>bis</i> 1(a)) and to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has be
establish	ed on the basis of
a ty	pe of material
	a sequence listing
	table(s) related to the sequence listing
b for	rmat of material
	оп рарег
	in electrome form
c tum	e of filing/furnishing
	contained in the international application as filed
	filed together with the international application in electronic form
[]	
LJ	funished subsequently to this Authority for the purposes of search
OF II	didition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been file unrished, the required statements that the information in the subsequence or additional copies is identical to that in the cation as filed or does not go beyond the application as filed, as appropriate, were furnished.

International application No PCT/US07/16812

Bo	No. IV Lack of unity of invention
	In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit. paid additional fees paid additional fees under protest and, where applicable, the protest fee puid additional fees under protest but the applicable protest fee was not paid as a paid additional fees. This Authorn's found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees. This Authorn's found that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is not complied with not complied with for the following reasons we the lack of unity section of the International Search Reportif-irm PCT/ISA/21(0)
	quently, this opinion has been established in respect of the following parts of the international application all parts the parts relating to claims Nos. 1-25 NO.217 (Hs. No. INJ. Acard 2007).

International application No. PCT/US07/16812

Box No. V Reasoned statement under Ru applicability; citations and ex	tle 43 bis.1(a)(i) with regard to novelty, involutions supporting such statement	
1. Statement		
Novelty (N)	Claims 3-25	YES
	Claims 1-2	NO NO
Inventive step (IS)	Claims NONE	YES
	Claims 1-25	NO NO
Industrial applicability (IA)	Claims 1-25	YES
	Claims NONE	NO

International application No PCT/US07/16812

INTERNATIONAL SEARCHING AUTHORITY		
Supplemental Box		
in case the space in any of the preceding boxes is not sufficient		
The state of the s	And the second of the second o	-

V. 2. Citations and Explanations:

V. 2. Challens and Exphanations:

(Cham J-2 [beh Annel) under MT Article 31(2) as being unlicipated by Rhoads et al (US Patent No. 6,744 906). As to independent claim 1, Rhoads advises a method for assessing continuity of a content using embedded Assessment of the control of

As to claim 2, Rhoads teaches the method, wherein said attributes comprise the quality (see column 3, lines 34-46).

Claims 14 and 8.0 flock an imentive size made PCT Article 34(3) as being obvious over Rhoads et al (US Patent No. 6.744 906) in view of Minners et al (NPL) Document sitted. "An investible watermarking technique for image verification?", as to claim 3, Rhoads ond expressly disclose the method, where in said continuity assessment comprises determining a presence of all believes to express of the size of the size

As to claim 4, note the discussion above, Minerva teaches the method wherein said continuity assessment comprises determining an amount of at least one of cuts, insertions and re-ordering of said content (see section 2, [p][002] lines 8-16)

As to claim 8, note the discussion above, Minerva teaches the method wherein, further comprising determining a presence of spunously captured watermarked segments (see page 682, section 2, [p][007], lines 7-13)

As to claim 9, note the discussion above. Minerva teaches the method wherein said determining comprises Form PCT/ISA 237 (Supplemental Box) (April 2007)

International application No PCT/US07/16812

Supplemental Box

in case the space in any of the preceding boxes is not sufficient

comparing an extent of recovered watermarked content to an extent of original watermarked content (see page 682, section 2, [p](007), lines 7-13).

Claims 5-7, 10-11 and 16 lack an inventive step under PCT Article 33(3) as being, obvious over Rhoads et al (US Patent No 6,744,906) in view of Op De Beeck et al (US Patent No , 6,671,388)

As to independent claim 10, all the limitations are described above except, determining a hearbeat of the recovered watermarks. Photologically disclosed of extremely a hearbeat of the recovered watermarks. Op De Beeck disclose a method for detecting embedded watermark which may be asset of determining a hearbeat of the recovered watermark or color than 1, lines 5.6.5.—where the periodicity of states are determined. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to added the watermark detecting method of Op De Beeck to the method for using multiple watermarks of Rhoads to determine and relate plants in a processed image corresponds to a give watermark so that the manipulation, such as scaling, rotation or strotching, done to a suspect image

As to claim 11, note the discussion of claim 4 above

As to claim 5 note the discussion above. Op De Beeck teaches the method wherein, wherein said continuity assessment comprises determining an amount of inserted segments with no watermarks (see column 4, lines 55-67 and column 5, lines 1-45)

As to claim 6 note the discussion above, Op De Beeck teaches the method wherein said continuity assessment comprises determining an amount of inserted segments that comprise embedded watermarks (see column 4, lines 55-67 and column 5, lines 1-45).

As to claim 7 note the discussion above, Op De Beeck, teaches the method wherein said continuity assessment is conducted in a presence of content scaling (see column 1, lines 48-55).

As to claim 16, note the discussion of claim 8 above

Climis 12-15 lack an inventive step tasker PCT Article 33(3) as being obvious over Rhoads et al (US Partent No. 6,744,905) in view of Mnerve et al (NPL Document steet. "An investile watermarking technique for image verification") further in view of Op De Tsail et al (NPL Document steet." "Weelet Pecket and Adaptive Sphatel Transformation of Watermark for Digital image Authentication of Watermark for Digital

As to claim 12, Rhoads does not expressly disclose the method, wherein, wherein said recovered vetermarks comprise packet numbers and said assessing is conducted in accordance with said nachet numbers and said assessing is conducted in accordance with said nachet numbers are said assessing is concluded in accordance with said appacket numbers (see page 452, section 2, [9](008)). After time of the invention, it would will not so a passon of ordinary skill in the art to have modified the method for using multiple watermarks at MROads will not see that the passon of ordinary skill in the art to have modified the method for using multiple watermarks at Rhoads will not see that the passon of the pa

As to claim 13, note the discussion above. Tsal teaches the method, wherein an amount of content re-ordering is determined in accordance with said packet numbers (see page 452, section 2, [p][906]).

As to claim 14, note the discussion above, Tsai teaches the method, wherein said packet numbers are embedded as payloads of independently recoverable watermarks (see pages 450-452, section 2)

As to claim 15, note the discussion above, Tsai teaches the method,, wherein said packet numbers are embedded as part of a larger payload of the embedded watermarks (see pages 450.452, section 2)

Claims 17 and 19-21 fack an inventive step under PCT Article 33(3) as being lobivious over Rhoads et al (US Patent No 6,744,905) in view of Kalker et al (Pub No. US 2003/0190055)

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International application No PCT/US07/16812

Supplemental Box

In case the space in any of the preceding boxes is not sufficient

As to claim 19, note the discussion above, wherein said distributions are defined in accordance with content usage policies (see column 3, lines 46-61)

As to claim 20, note the discussion of claim 4 above

As to claim 21, note the discussion of claim 8 above

Claims 18 link an inventive step under PCT Article 33(3) as being obvious over Rhoads et al. (US Patent No. 6,744 906) in view of Kalker et al. (Pub No. US 2003/0190055) further in view of Petrovic (US Patent No. 6,430,301).

As to claim 16. Phose's does not copyrestly disclose the method, wherein said continuity assessment comprises determining whether said classing sometime to one or more predefined distributions. Petrovic discloses a method for embedding and detecting depit and continuity assessment comprises determining whether said classing and detecting depit and detection detect

Claims 2-2-5 lack an investive step under PCT Article 3(3) as being obvious over Rhoads et al (US Patent No. 6.744.906). As to independent claim 2-2, all the limitations are discussed above except; determining a stopp key associated with said recovered watermarks and assessing a continuity of said content in accordance with said recovered steps key and an embedding steps key. Rhoads does not copyristly disclose determining a step key associated with said recovered watermarks; and assessing a continuity of said content in accordance with said recovered steps key and an embedding stop key.

As to claim 24, note the discussion of claim 4 above.

As to claim 25, note the discussion of claim 8 above.

Claims 1-25 meet the critieria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry

CHAPTER I PCT TELEPHONE MEMORANDUM FOR LACK OF UNITY OF INVENTION



PCT No.: PCT/US07/16812	
Examiner: ANDRAE S. ALLISON	
Attorney spoken to: MCALLISTER, DOUGLAS (Reg No.: 37886)	
Date of call: 21 May 2008	
Amount of payment approved:	
Deposit account number to be charged:	
Attorney elected to pay for ALL additional inventions	
Attorney elected to pay only for the additional inventions covered by	
Group(s):	
encompassing —	
Claim(s):	
Attorney elected NOT to pay for any additional inventions, therefore, only the first claimed inv (Group I) covered by Claim(s) 1-25 has been searched.	/entio
Attorney was orally advised that there is no right to protest for any group not paid for.	
Attorney was orally advised that any protest must be filed no later than 1 month from the mail of the Search Report (PCT/ISA/210).	iling
Time Limit For Fillng A Protest	
Applicant is hereby given 1 month from the mailing date of this Search Report in which to file a protest of the holding of lack of unity of invention. In accordance with PCT Rufe 40.2, applicant may protest the holding of lack of unity only with respect to the group(s) paid for.	ne
Detailed Reasons For Holding Lack of Unity of Invention: Please See Continuation Sheet	
Vote A copy of this form must be attached to the Sparch Report	

rete in depy of this form must be attached to the Search Kepi

ATTACHMENT TO CHAPTER I PCT TELEPHONE MEMORANDUM FOR LACK OF UNITY OF INVENTION

Continuation of Detailed Reasons For Holding Lack of Unity of Invention:

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule (3.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claims 1-25, drawn to assessing continuity of a content using embedded watermarks Group III, claims 26-32, drawn to assessing continuity of a content using embedded watermarks. Group III, claims 33-37, drawn to assessing continuity of a content using parsely embedded watermarks. Group IV claims 33-43, drawn to assessing continuity of a content using prededded watermarks. Group IV claims 44-49, drawn to assessing continuity of a content using redundantly embedded watermarks. Group IV claims 56-5 drawn to assessing continuity of a content using independent embedded watermarks. Group IVI claims 56-65, drawn to assessing continuity of a transmitted content using membedded watermarks. Group IVI claims 56-77, drawn to determining an extent of watermarked segments within content. Group IVI claims 78-85, drawn to managing an Internet content using membedded watermarks.

The inventions listed as Groups I-IX do not relate to a single general inventive concept under PCT Rule 1.1. because, under PCT Rule 1.2. because, under PCT Rule 1.3. because, or over the property of the pr

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SOL-194 PCT	FOR FURTHER ACTION sy well as, wi	Form PCT/ISA/220 nere applicable, item 5 below
International application No PCT/US07/16812	International filing date (day month year) 25 July 2007 (25.07.2007)	(Farliest) Priority Date (day month ve 28 July 2006 (28 07 2006)
Applicant VERANCE CORPORATION		
This international search report consists		
a With regard to the language, the	international search was carried out on the basi	
	application in the language in which it was file	
or a translation tu	e international application into	(Rules 12 3(a) and 23 1(b))
b This international search repo authorized by or notified to the	ort has been established taking into account the us Authority under Rule 91 Rule 43 6 bis(a)	rectification of an obvious mistake
	e and/or amino acid sequence disclosed in the	international application, see Box No. 1
	insearchable (See Box No 11)	7,
Unity of invention is lacking	(See Box No III)	
With regard to the fitte.		
the text is approved as submit		
the text has been established b	y this Authority to read as follows:	
With regard to the abstract,		
the text is approved as submitte	d by the applicant.	
the text has been established, ac may, within one month from the	cording to Rule 38.2(b), by this Authority as it date of mailing of this international search rep	appears in Box No IV. The applicant out, submit comments to this Authority
With regard to the drawings,		•
	ished with the abstract is Figure No. 19	
as suggested by the app		
	ority, because the applicant failed to suggest a	
	ority because this figure better characterizes the	

Internationa	l application	No	
PCT/US07/	16812		
		International application PC1/US07/16812	International application No PCT/US07/16812

This interna	Observations where certain claims were found unsearchable (Continuation of item 2 of first shee
_	found search report has not been established in respect of certain claims under Article 17(2)(a) for the following reason
	Claims Nos
	because they relate to subject matter not required to be searched by this Authority, namely
2	Claims Nos because they relate to parts of the intermitional application that do not comply with the prescribed requirements to such an event that no meaningful international search can be curried out, specifically
3 []	Claims Nos because they are dependent claims and are not draffed in accordance with the second and third sentences of Rule 6.4(a
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
Flus internatio Please See Cor	nal Searching Authority lound multiple inventions in this international application, as follows tunnation Sheet
A	s all required additional search fees were timely paid by the applicant, this international search report covers all archable claims.
	s all required additional search fees were timely paid by the applicant, this international search report covers all archable claims. all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment any additional fees. any additional fees condy some of the required additional search fees were timely pad by the applicant, this international search report vers only those claims for which fees were paid, pecifically claims Nos
A of A	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment any additional fees are additional fees only the search fees were timely paid by the applicant, this international search report vers only those claims for which fees were paid, specifically claims Nos
A of Of Co	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment any additional fees only some of the required additional search fees were tunely paid by the applicant, this international search report vers only those claims for which fees were paid, specifically claims Nos required additional search fees were tunely paid by the applicant. Consequently, this international search report is required additional search fees were tunely paid by the applicant. Consequently, this international search report is
A of of of of of	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment any additional fees only some of the required additional search fees were tunely paid by the applicant, this international search report vers only those claims for which fees were paid, specifically claims Nos required additional search fees were tunely paid by the applicant. Consequently, this international search report is required additional search fees were tunely paid by the applicant. Consequently, this international search report is
A of Of Co	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment and additional fees only some of the required additional search fees were timely paid by the applicant, this international search report search only those claims for which fees were paid, specifically claims Nos required additional search fees were timely paid by the applicant. Consequently, this international search report is relied to the invention first mentioned in the claims, it is covered by claims Nos. 1-25 The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
A of	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment any additional fees only when of the required additional search fees were timely good by the applicant, this international search report vers only those claims for which fees were paid, specifically claims Nos. Temporary the search fees were timely paid by the applicant. Consequently, this international search report is cited to the invention first mentioned in the claims, it is covered by claims Nos. 1-25. The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

Facsumie No (571) 273-3201 Form PCT-ISA/210 (secund sheet) (April 2007) International application No

[]	LASSIFICATION OF SUBJECT MATTER		PCT-US07/160	112
IPC	G 06K 9/00			
USPC Accordin	382/100 g to International Patent Classification (IPC) or to b	ooth national classification a	and IPC	
B FI	ELDS SEARCHED			
Minimum	documentation searched (classification system follo	owed by classification symb	uole)	
US.	. 382/100, 232, 713/176,179,181, 386/94, 380/201,	218,252,54,22, 348,461,46	3,467,473	
Document	ation searched other than minimum documentation	to the extent that such docu	ments are included	in the fields searched
Electronic	data base consulted during the international search	(name of data base and, who	ere practicable, seas	ch terms used)
	CUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, wh	ere appropriate, of the relev	ant passages	Relevant to claim No
X	US 6,744,906 B2 (Rhoads et al) 1 June 2004 (0 67, column 2, lines 1-5, column 3, lines 34-46	l 06 2004), column I, lines	11-15, lines 60-	1-2
Y	7 , column 5, mes 34-46			3-25
Y	US 6,671,388 B1 (Op De Beeck et al) 30 Decem 67, column 4, 55-67	ber 2003 (30 12 2003), col	umn 1. lines 55-	5-7, 10-11, 16
Y	US 2003/0190055 AT (Kalker et al) 9 October 20	003 (09 10 2003), [p][9001	l. [p][0005].	17. 19-21
Y			18	
Y. P	US 7,197,368 B2 (Kirovski et al) 27 March 2007 column 10, lines 46-67, column 3, lines 5-25, col	ump 8 Linux 40 67		22-25
Y	Yeung et al, "An Invisible Watermarking Techniq 680-683", http://www.visionbib.com/bibliograph	to for Image Visit Co	1997*, pages >, section 4	3-4, 8-9
	documents are listed in the continuation of Box C	See patent fa		
	lefining the general state of the set which to not asset a		published after the interna- conflict with the applications by underlying the inventor	stional filing date or percenty on but cited to moderstand the on
	cesson or patent published on or after the international filing date		ticular relevance, the clar for cannot be considered ent is taken alone	med invention cannot be to involve an inventive step
establish the specified)	then may throw doubts on priority claim(s) or which is cited to publication date of unother citation or other special reason (as	"Y" document of part sumsidered to my	neutar relevance, the class	
	ferring to an oral disclosure, use exhibition or other means		te or more other such doc a nerson skilled in the air	
priority date		"&" document membe	7 of the same pateur fami	·
	al completion of the international search	Date of mailing of the m	egustional search re	port
8 August 2008 ame and maile	(28 08 2008) ig address of the ISA/US	~ 0	SEP 2008	
Mail St	op PCT, Attn. ISA/US ssioner for Patents	Authorized officer	0 1 6	0
PO Bo	sioner for Patents x 1450 Iris, Virginia 223 [3-1450	Bhavesh Meta	Koberes	KOI
Allexand	nia, virginia 2231 5-1450	Telephone No. (571) 272	-2000	

International application No PCT/US07/16812

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	Fine of Wavelet poken and abspire spatial transformation of witermark for digital image inheritation. ITELL Image Processing, 2009 Proceedings 2000 International Conference on Publication Date 2005, Volume 1, On pages is 450-453 Vol 1, abstract, page 452, section 2, pages 450-452, section 2.	12-15

International application No. PCT/US07/16817

BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under ICT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group II, claims 1-25, drawn to assessing continuity of a content using embedded watermarks. Group III, claims 33-37, drawn to assessing continuity of a content using embedded watermarks. Group III, claims 33-37, drawn to assessing continuity of a content using sparsety embedded watermarks. Group IV claims 38-43, drawn to assessing continuity of a content using redundantly embedded watermarks. Group V claims 44-9, drawn to assessing continuity of a content using redundantly embedded watermarks. Group VI claims 56-55 drawn to assessing continuity of a content using fingerprints and embedded watermarks. Group VIII claims 56-57, drawn to determining an extent of watermarked content using methodded watermarks. Group VIII claims 76-95, drawn to managing an internet content using embedded watermarks.

The inventions listed as Groups L-IX do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 15.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of Group Leliums is recovering the embedded watermarks from said content and this feature is not present in Group II. The special technical feature of Group II claims from the methods of Group III. The special technical feature of Group IVII. The special technical feat